

**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**

Unofficial Copy

**Name** Gilbarco Inc.

(d/b/a)

**Callsign:** E040219

**File Number:** SES-LIC-20040505-00648

**Authorization** License

**Non Common Carrier** **Grant Date:** 11/09/2004 **Expiration Date:** 11/09/2019

**Nature Of Service:** Domestic Fixed Satellite Service

**Class Of Station:** Fixed Earth Stations

**A) Site Location(s)**

#	Site ID	Address	Latitud	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	Remote 1.8M	7300 Friendly Avenue P.O. Box 22087 Greensboro, Guilford, NC 27420	36&deg;5'23.0"N	79&deg;54'58.0"W	268.0	27	

Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning Tuesday, November 09, 2004 (3 AM Eastern Standard Time) and ending Saturday, November 09, 2019 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is Wednesday, November 09, 2005 (3 AM Eastern Standard Time). Grantee must file with the Commission a certification upon completion of construction and commencement of operation.

**B) Particulars of Operations**

The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

For the text of these provisions, refer to Section H.

#	Frequency	Polarization	Emission	Tx/Rx Mode	Max EIRP /Carrier	Max EIRP Density	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	14000.0000 - 14500.0000	H,V	308KG1W	T	47.00	17.56	7PH7		Voice & Data
2)	11700.0000 - 12200.0000	H,V	1M03G1W	R			7PH7		Voice & Data

**C) Frequency Coordination**

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
1)	14000.0000 - 14500.0000	99.0W	- 121.0W	43.5	- 30.0	210.4	- 236.0	-22.5	7PH7



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2) 11700.0000 - 12200.0000 99.0W - 121.0W 43.5 - 30.0 210.4 - 236.0 7PH7

#### D) Point of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this License:

- 1) Remote 1.8M to ANIK E2R @ 111.1 degrees W.L. ( Canadian-licensed)
- 2) Remote 1.8M to ANIK-F2 satellite(s) @ 111.1 degrees W.L. (of the CANADIAN

#### E) Antenna Facilities

Site/Elevation: 268 (Meters) AMSL

Site ID	Antenna ID	Units	Diameter (meters)	Manufacture	Model number	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
Remote 1.8M	7PH7	1	1.8	Prodelin Corporation	1184	9 AGL/ 277 AMSL	
Max Gains(s): 46.5 dBi @ 14.0000 GHz 45.0 dBi @ 12.0000 GHz							
Maximum total input power at antenna flange (Watts) =					1.12		
Maximum aggregate output EIRP for all carriers (dBW)					47.00		

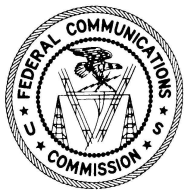
#### F) Remote Control

Remote 7300 FRIENDLY  
1.8M GREENSBORO, GUILFORD, NC,  
336-547-5506

#### H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special

- 1010 Applicable to all receiving frequency bands. Emission designator indicates the maximum bandwidth of received signal at associated station(s). Maximum EIRP and maximum EIRP density are not applicable to receive operations.
- 1900 Applicable to all transmitting frequency bands. Authority is granted to transmit any number of RF carriers with the specified parameters on any discrete frequencies within associated band in accordance with the other terms and conditions of this authorization, subject to any additional limitations that may be required to avoid unacceptable levels of inter-satellite interference.
- 2938 Upon completion of construction, each licensee must file with the Commission a certification including the following information: name of the licensee, file number of the application, call sign of the antenna, date of the license and certification that the facility as authorized has been completed, that each antenna facility has been tested and is within 2 dB of the pattern specified in Section 25.209 and that the station is operational including the date of commencement of service and will remain operational during the license period unless the license is submitted for cancellation.



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**H) Special and General Provisions**

- 3903 ALSAT-designated earth stations are authorized to communicate with ANIK F2 at the 111.1 degrees W.L. orbit location, but only on a non-harmful interference basis.
- 3947 ALSAT- designated earth stations are not authorized to use Anik E2R to provide any Direct-to-Home ("DTH") service, Direct Broadcast Satellite ("DBS") service, or Digital Audio Service ("DARS") to, from, or within the United States.
- 3948 Communications between Anik E2R and ALSAT-designated earth stations shall be in compliance with the satellite coordination agreements reached between Canada and other administrations.
- 5216 All operations shall be on a non-common carrier basis.



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## H) Special and General Provisions

### B) This RADIO STATION AUTHORIZATION is granted subject to the

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

**Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulates is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993". These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.**